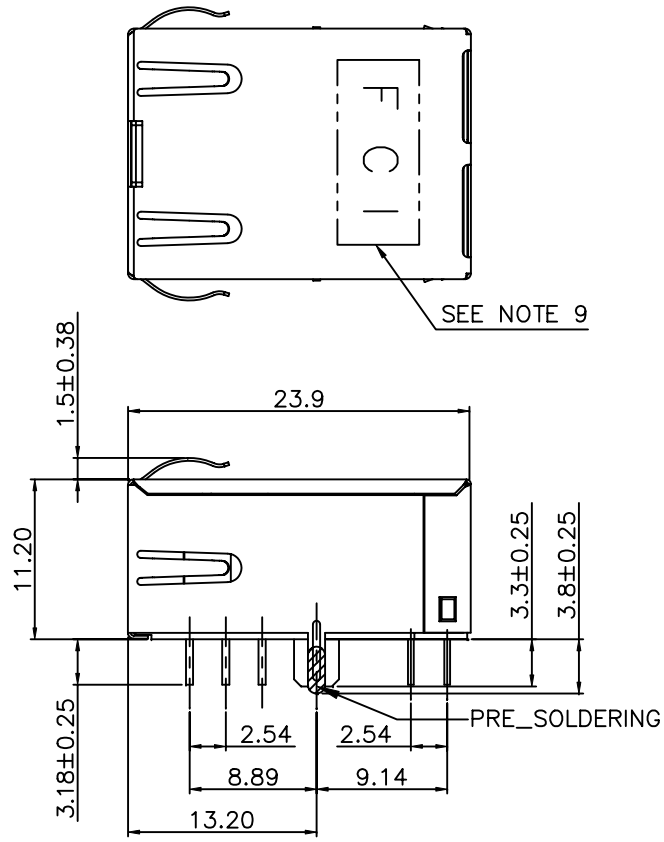
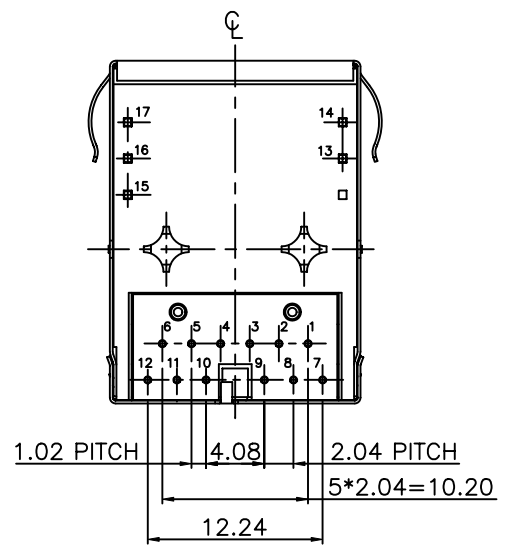
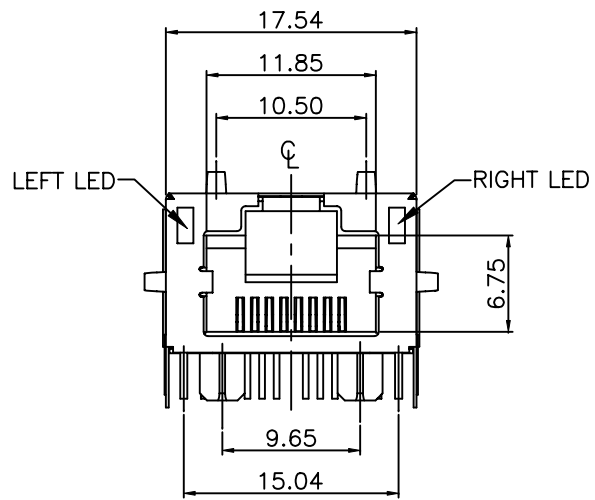


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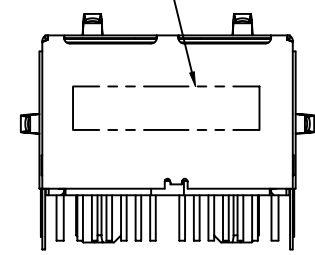
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PART NO.
10085073-XXXLF



PRINT FCI P/N
& DATE CODE
SEE NOTE 10



mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ± 0.30	projection	MM	title RJ45 1x1 TAB UP, LOW PROFILE W/LED/SPRING,TRANSFORMER 10/100	
A	T07-1185	WL	12/31/07		.XX ± 0.20				
B	T08-1099	WL	06/05/08		.XXX ± 0.10				
				angles	0° ±2°	scale	A4	product family JACK SERIES size dwg no 10085073 code TWN sheet 1 of 3	
				dr	WENDY CHEN 12/26/07				
				enr	WENDY CHEN 12/26/07				
				chr	WENDY CHEN 12/26/07	scale	A4	product family JACK SERIES size dwg no 10085073 code TWN sheet 1 of 3	
				appd	ALEX LIANG 12/26/07				
sheet index	revision sheet	B 1	B 2	B 3					

ACAD

PDM: Rev:B

STATUS: Released
cage code 29526
Printed Jun 23, 2008

NOTES:

1. MATERIALS :

SHELL : STAINLESS STEEL, T=0.20mm
HOUSING: HIGH THERMOPLASTIC, UL 94V-0
RJ CONTACT : COPPER ALLOY T=0.25mm
MODULE: HIGH THERMOPLASTIC UL94V-0
INPUT PIN: COPPER ALLOY

2. FINISH :

RJ CONTACT : 50u" MIN. NICKEL UNDER PLATED OVER ALL.
100u" MIN. MATTE TIN ON SOLDERING AREA.
SELECTIVE GOLD PLATED ON CONTACT AREA.

INPUT PIN: TIN COATED COPPER ALLOY

SHELL : PRE-SOLDERING ON SHELL GROUNDING LEG

3. MECHANICAL CHARACTERISTICS :

INSERTION FORCE : 22N MAX.

REMOVAL FORCE(WITHOUT PLUG LOCK) : 22N MAX.

DURABILITY : 1000TIMES

4. OPERATING TEMPERATURE : 0°C ~ 70°C

5. PRODUCT PERFORMANCE PER SPEC. : GS-12-530.

6. PACKING SPEC. : GS-14-1242.

7. THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVE AS DESCRIBED IN GS-22-008.

8. THE HOUSING WILL WITHSTAND EXPOSURE TO 265°C PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

9. "FCI" LOGO IS STAMPED ON THIS AREA.

10. "DATE CODE" DESCRIPTION:

XX XX
WEEK
YEAR (EX.: 08--2008)

11. PART NUMBER DESCRIPTION:

10085073-X X X LF

LED COLOR CODE:

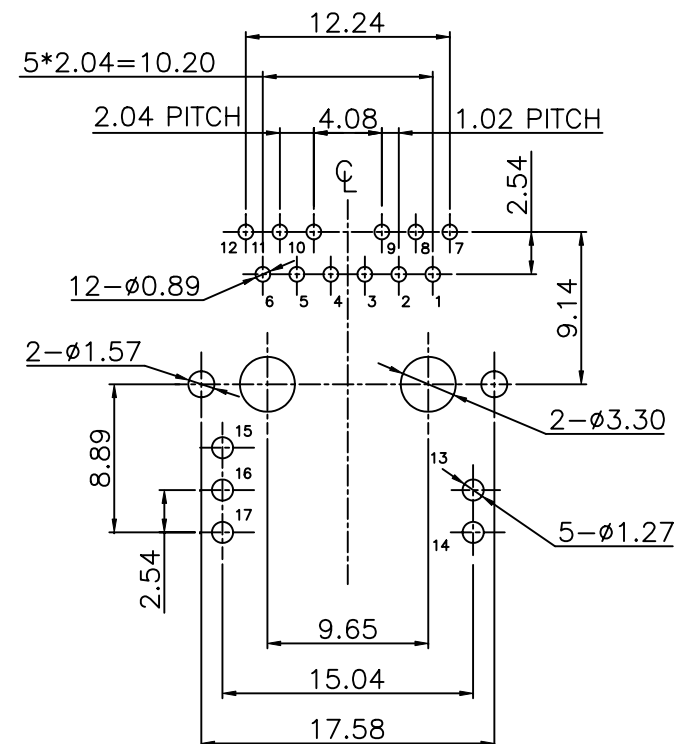
O: RIGHT LED COLOR: YELLOW
LEFT LED COLOR: ORANGE/GREEN

TRANSFORMER SPEED :

O: 10/100 BASE-T
LED POLARITY: NORMAL
WITHOUT RESISTOR

RJ CONTACT AREA PLATING:

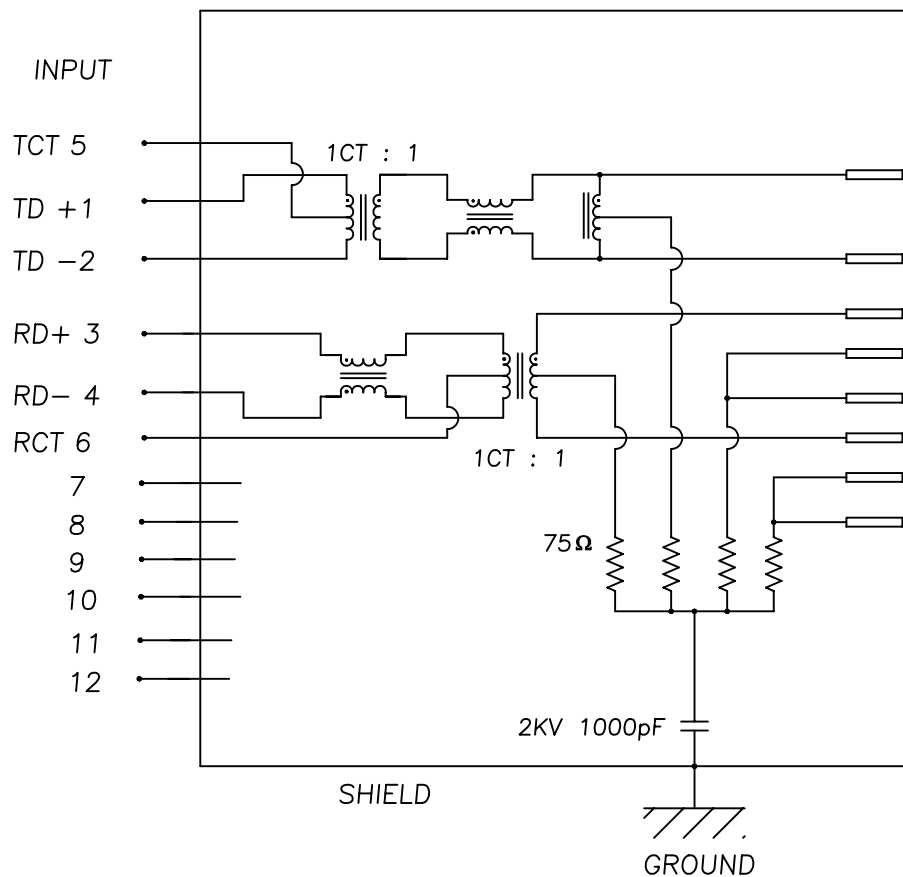
1 : 15u" GOLD



RECOMMENDED PCB LAYOUT (COMPONENT SIDE)
ALL DIMENSION TOLERANCE ARE ±0.05mm

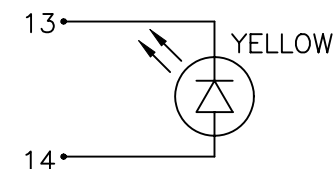
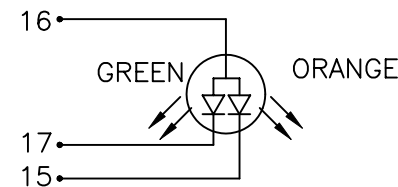
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.30	projection	MM	title	www.fciconnect.com
B					.XX ± 0.20				
					.XXX ± 0.10				
				angles	0° ± 2°	scale	A4	product family JACK SERIES	code TWN
				dr	WENDY CHEN 12/26/07				
				enrg	WENDY CHEN 12/26/07				
				chr	WENDY CHEN 12/26/07	size	dwg no	10085073	sheet 2 of
				appd	ALEX LIANG 12/26/07				
sheet index	revision sheet								

ELECTRIC SCHEME



OUTPUT

RJ1 TX+
RJ2 TX-
RJ3 RX+
RJ4
RJ5
RJ6 RX-
RJ7
RJ8



Transmitter & Receiver Filter:

1. Insertion Loss (dB MAX)
1~100MHz -1.0
2. Return Loss at 100W(dB MIN)
1~30MHz -18
30~60MHz -16
60~80MHz -12
3. Common Mode Rejection@ 1~100 MHz: -30dB MIN
4. Cross Talk@1~100 MHz: -35dB MIN
5. Inductance@100KHz/ 0.1V, 8mA DC BIAS: 350uH MIN
6. HiPot Test: 1500Vrms(or 2250VDC), 60sec
7. LED: Forward Voltage (V)@ 20mA
Typical :2.2 / MAX :2.6

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date		.X ± 0.30	projection		www.fciconnect.com	
B				linear	.XX ± 0.20			title	
					.XXX ± 0.10			RJ45 1x1 TAB UP, LOW PROFILE	
				angles	0° ±2°			W/LED/SPRING,TRANSFORMER 10/100	
				dr	WENDY CHEN 12/26/07	MM		product family JACK SERIES	
				enrg	WENDY CHEN 12/26/07			code	
				chr	WENDY CHEN 12/26/07			size dwg no	
				appd	ALEX LIANG 12/26/07			TWN	
sheet index	revision sheet					scale	A4	10085073	
								sheet 3 of	